



Entergy Operations, Inc.
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10 CFR 26.717(e)
10 CFR 26.203(e)

OCAN021002

February 25, 2010

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: Annual Fitness-for-Duty Performance Report
Arkansas Nuclear One – Units 1 and 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6

Dear Sir or Madam:

In accordance with 10 CFR 26.717(e), Entergy Operations Inc. (Entergy) is submitting the Fitness-for-Duty Program Performance Report for Arkansas Nuclear One (ANO) for the period of January 1 – December 31, 2009. This report is provided in Attachment 1.

Attachment 2 contains the Fatigue Management Program Performance Report in accordance with 10 CFR 26.203(e), for the period of October 1 – December 31, 2009.

There are no new commitments contained in this submittal.

Sincerely,

A handwritten signature in black ink, appearing to be "DBB/slp", written over a horizontal line.

DBB/slp

Attachments: 1. Annual Fitness-for-Duty Program Performance Report
2. Annual Fatigue Management Program Performance Report

AO21
NRR

cc: Elmo Collins
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
612 E. Lamar Blvd., Suite 400
Arlington, TX 76011-4125

NRC Senior Resident Inspector
Arkansas Nuclear One
P.O. Box 310
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U. S. Nuclear Regulatory Commission
Attn: Kaly Kalyanam
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One White Flint North
11555 Rockville Pike
Rockville, MD 20852

Attachment 1 to

OCAN021002

Annual Fitness-for-Duty Program Performance Report

10 CFR 26.717

Fitness For Duty Program

Annual Performance Data Report - Personnel Subject to 10CFR26

Section I - Company Data

| Company: Entergy Operations, Inc. Location: Arkansas Nuclear One 1448 SR 333 Russellville, AR 72802 Contact: Jerry D. Woods Access Authorization / Fitness for Duty Phone: (479) 858-7846 | Annual Report Period: 01/01/2009 To 12/31/2009 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Drugs Tested For</th> <th style="text-align: left;">Screen/Confirmation (ng/ml)</th> </tr> </thead> <tbody> <tr> <td>Marijuana</td> <td>50/15</td> </tr> <tr> <td>Cocaine</td> <td>300/150</td> </tr> <tr> <td>Opiates</td> <td>2000/300</td> </tr> <tr> <td>Amphetamines</td> <td>1000/500</td> </tr> <tr> <td>Phencyclidine</td> <td>25/25</td> </tr> <tr> <td>Alcohol (%BAC)</td> <td>0.04% BAC</td> </tr> </tbody> </table> Random Testing Rate Not Less Than 50% Annually | Drugs Tested For | Screen/Confirmation (ng/ml) | Marijuana | 50/15 | Cocaine | 300/150 | Opiates | 2000/300 | Amphetamines | 1000/500 | Phencyclidine | 25/25 | Alcohol (%BAC) | 0.04% BAC |
|---|--|------------------|-----------------------------|-----------|-------|---------|---------|---------|----------|--------------|----------|---------------|-------|----------------|-----------|
| Drugs Tested For | Screen/Confirmation (ng/ml) | | | | | | | | | | | | | | |
| Marijuana | 50/15 | | | | | | | | | | | | | | |
| Cocaine | 300/150 | | | | | | | | | | | | | | |
| Opiates | 2000/300 | | | | | | | | | | | | | | |
| Amphetamines | 1000/500 | | | | | | | | | | | | | | |
| Phencyclidine | 25/25 | | | | | | | | | | | | | | |
| Alcohol (%BAC) | 0.04% BAC | | | | | | | | | | | | | | |

Section II - Testing Results

| | Licensee Employee | | | Long-Term Contractor | | | Short-Term Contractor | | | Total | | |
|----------------|-------------------|----------|---------|----------------------|----------|---------|-----------------------|----------|---------|---------|----------|---------|
| Avg. Workforce | 1322.40 | | | | | | 445.26 | | | 1767.66 | | |
| Category | Tested | Positive | Refused | Tested | Positive | Refused | Tested | Positive | Refused | Tested | Positive | Refused |
| FOLLOW-UP | 18 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 34 | 0 | 0 |
| FOR-CAUSE | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| OTHER | 7 | 0 | 0 | 0 | 0 | 0 | 137 | 0 | 0 | 144 | 0 | 0 |
| POST EVENT | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 5 | 0 | 0 |
| PRE-ACCESS | 90 | 0 | 0 | 0 | 0 | 0 | 1240 | 10 | 0 | 1330 | 10 | 0 |
| RANDOM | 672 | 1 | 0 | 0 | 0 | 0 | 266 | 1 | 1 | 938 | 2 | 1 |
| Total | 791 | 2 | 0 | 0 | 0 | 0 | 1662 | 11 | 1 | 2453 | 13 | 1 |

Section III - Breakdown of Confirmed Positive Tests for Specific Substances

| | Alcohol | Amphetamines | Cocaine | Marijuana 50 | Opiates 300 | Opiates 2000 | Phencyclidine | Refused | Total |
|-------------------|---------|--------------|---------|--------------|-------------|--------------|---------------|---------|-------|
| CONTRACTOR | 0 | 1 | 0 | 10 | 0 | 0 | 0 | 1 | 12 |
| LICENSEE EMPLOYEE | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Total | 2 | 1 | 0 | 10 | 0 | 0 | 0 | 1 | 14 |

Note: Discrepancies in the totals in this section versus Section II indicate that one or more tests detected multiple drugs. Refer to Section IV for the declaration of these tests and their corresponding drugs.

- One licensee employee with supervisor classification tested positive for alcohol during random testing. Notification was made to the NRC within 24 hours. The individual's UA/UAA was terminated for 14 days, and the individual was referred to the Employee Assistance Program (EAP). Return to work was directed by the conditions stipulated in the re-entry agreement.
- One licensee employee tested positive for alcohol during for-cause testing. This represented the individual's second FFD program violation. As a result their UA/UAA was unfavorably terminated.
- One contractor tested positive for amphetamines during random testing. The individual's UA/UAA was unfavorably terminated.
- Ten contract employees testing positive for THC during pre-access testing. All requests for UA/UAA were denied.
- One contract employee refused random testing and was subsequently unfavorably terminated from Entergy Nuclear facilities.

Section IV - Random Testing Results

For Year 53.06 %

Section V - Dilute Results

Special analysis of dilute specimens permitted under 26.163 (a) (2)

Dilute Total:

11

Section VI - Subversion Attempts

| | Physical Evidence | Refusal To Cooperate | Observed Actions | Others | Total |
|-------------------|-------------------|----------------------|------------------|--------|-------|
| CONTRACTOR | 0 | 0 | 0 | 0 | 0 |
| LICENSEE EMPLOYEE | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

Section VII - Management Actions

| | 14 Day Terms | 1 Year Denial | 3 Year Denial | 5 Year Denial | Permanent | Total |
|-------------------|--------------|---------------|---------------|---------------|-----------|-------|
| CONTRACTOR | 0 | 0 | 11 | 0 | 1 | 12 |
| LICENSEE EMPLOYEE | 1 | 0 | 0 | 0 | 1 | 2 |
| Total | 1 | 0 | 11 | 0 | 2 | 14 |

Attachment 2 to

OCAN021002

Annual Fatigue Management Program Performance Report

10 CFR 26.203(e)

Fatigue Management Program Annual Performance Report for 2009

Facility: Arkansas Nuclear One – Units 1 and 2

Period of Report: 10/01/2009 - 12/31/2009

Facility Outage During Report Period? No

| Summary of Waiver Issuance - 26.203(e)(1)(i-ii) | | | | Number of Waivers Issued | | | | | | | | | | | | | | | |
|---|---|----------|---------|---|----------|---------|--|----------|---------|---|----------|---------|--|----------|---------|-----------|----------|---------|-------|
| Work Hour Controls | Operating or on-site directing of the operations of systems, as described in 26.4(a)(1) | | | Performing health physics or chemistry duties, as described in 26.4(a)(2) | | | Performing duties of a fire brigade member, as described in 26.4(a)(3) * | | | Performing maintenance or onsite direction of maintenance, as described in 26.4(a)(4) | | | Performing security duties, as described in 26.4(a)(5) | | | Total | | | |
| | Operating | Outage | | Operating | Outage | | Operating | Outage | | Operating | Outage | | Operating | Outage | | Operating | Outage | | Total |
| | | day 1-60 | >day 60 | | day 1-60 | >day 60 | | day 1-60 | >day 60 | | day 1-60 | >day 60 | | day 1-60 | >day 60 | | day 1-60 | >day 60 | |
| Daily Work Hours 26.205(d)(1) | | | | | | | | | | | | | | | | | | | |
| Exceeded 16 work hours in any 24-hour period | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Exceeded 26 work hours in any 48-hour period | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Exceeded 72 work hours in any 7-day period | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Rest Breaks 26.205(d)(2) | | | | | | | | | | | | | | | | | | | |
| Less than 10-hour break between successive work periods (or 8-hour break accommodating scheduled transition between shifts) | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Less than 34-hour break in any 9-day period | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Minimum Days Off Per Shift Cycle 26.205(d)(3) | | | | | | | | | | | | | | | | | | | |
| Average of less than 1 day off per week for 8-hour shifts | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Average of less than 2 days off per week for 10-hour shifts | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Average of less than 2.5 days off per week for 12-hour shifts | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Average of less than 2 days off per week for 12-hour maintenance shifts | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Average of less than 3 days off per week for 12-hour security shifts | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Minimum Days Off for Outage Activities (during first 60 days of outage) 26.205(d)(4) and 26.205(d)(5) | | | | | | | | | | | | | | | | | | | |
| Less than 3 days off per successive 15-day period 26.205(d)(4) | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Less than 1 day off per 7-day period for maintenance personnel 26.205(d)(4) | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Less than 4 days off per successive 15-day period for security personnel 26.205(d)(5) | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |
| Total | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- | 0 |

* NOTE: Individuals performing fire brigade duties and other duties are counted only under the fire brigade column- these individuals are not double counted.

Fatigue Management Program Annual Performance Report for 2009

| Distribution of Waivers for Individuals in Each Category - 26.203(e)(1)(iii) | Number of Employees Issued Waivers | | | | |
|--|---|---|--|---|--|
| Number of Waivers | Operating or on-site directing of the operations of systems, as described in 26.4(a)(1) | Performing health physics or chemistry duties, as described in 26.4(a)(2) | Performing duties of a fire brigade member, as described in 26.4(a)(3) * | Performing maintenance or onsite direction of maintenance, as described in 26.4(a)(4) | Performing security duties, as described in 26.4(a)(5) |
| 0 | 0 | 0 | 0 | 0 | 0 |
| Total Employees Issued Waivers | 0 | 0 | 0 | 0 | 0 |
| Most Waivers Provided to a Single Individual | 0 | 0 | 0 | 0 | 0 |

* NOTE: Individuals performing fire brigade duties and other duties are counted only under the fire brigade column- these individuals are not double counted.

Summary and Status of Corrective Actions - 26.203(e)(2):

There were no programmatic corrective actions identified as a result of the program effectiveness review (26.205 e) and fatigue assessment review (26.211 g) for Arkansas Nuclear One.